

**WEST**

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L41: Entry 67 of 76

File: DWPI

Oct 29, 1996

DERWENT-ACC-NO: 1997-017294  
DERWENT-WEEK: 199702  
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TITLE: Anti-depressant for relieving mental fatigue and stress - consists of carnitine(s) and vitamin B1

PATENT-ASSIGNEE:

ASSIGNEE

TAKEDA CHEM IND LTD

CODE

TAKE

PRIORITY-DATA: 1995JP-0053513 (February 17, 1995)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
JP 08283148 A	October 29, 1996		010	A61K031/205

APPLICATION-DATA:

PUB-NO	APPL-DATE	APPL-NO	DESCRIPTOR
JP08283148A	February 2, 1996	1996JP-0040543	

INT-CL (IPC): A61 K 31/205; A61 K 31/51; C07 C 229/22; C07 D 239/42; C07 D 405/12; A61 K 31/205; A61 K 31/51; C07 D 239/42; C07 D 307/06; C07 D 405/12

ABSTRACTED-PUB-NO: JP08283148A

BASIC-ABSTRACT:

Depressive symptom improvement agent comprises carnitines and vitamin B1.

Pref. carnitine is carnitine chloride. Vitamin B1 is thiol-type thiamine deriv. or its salt, vitamin B1 deriv. having a disulphide bond or its salt, a S-acyl-type thiamine deriv. or its salt or flusulthiam ine hydrochloride.

Dosage amt. of carnitines is 10-600 (pref. 50-50 and esp. 100-300)mg for an adult a day. That of vitamin B1 is 1-300 pref. 5-200 and esp. 10-150)mg (e.g. 30-90mg) for an adult a day.

USE/ADVANTAGE - Used as internal and external preparations. Agent has invigorating effect on use and improves depressive feeling derived from stress and mental fatigue.

In an example, two tablets (dosage amt. for adult a day) comprised dicarnitine chloride (100mg), flusulthiamine hydrochloride (30mg), lactose (141mg), starch (58mg), hydroxypropylcellulose (10mg), and magnesium stearate (1mg) (total 340mg).

CHOSEN-DRAWING: Dwg.0/6

TITLE-TERMS: ANTI DEPRESS RELIEVE MENTAL FATIGUE STRESS CONSIST CARNITINE VITAMIN

DERWENT-CLASS: A96 B02 B05

CPI-CODES: A12-V01; B03-B; B10-A22; B14-J01A1;

CHEMICAL-CODES:

## Chemical Indexing M2 \*01\*

## Fragmentation Code

H1 H181 H4 H401 H481 H8 J0 J011 J1 J171  
K0 L7 L722 M210 M211 M273 M283 M313 M321 M332  
M343 M381 M391 M416 M431 M620 M782 M903 M904 P451  
P452

## Specific Compounds

12266M

## Chemical Indexing M2 \*02\*

## Fragmentation Code

C017 C100 C720 C800 C801 C803 C804 C805 C806 C807  
H1 H181 H4 H401 H481 H8 J0 J011 J1 J171  
K0 L7 L722 M210 M211 M273 M283 M313 M321 M332  
M343 M381 M391 M411 M431 M510 M520 M530 M540 M620  
M640 M782 M903 M904 P451 P452

## Specific Compounds

04599M

## Chemical Indexing M2 \*03\*

## Fragmentation Code

F012 F013 F014 F015 F019 F541 F710 H1 H100 H121  
H4 H401 H481 H8 K0 L7 L721 L9 L943 M210  
M211 M240 M282 M311 M312 M321 M332 M342 M373 M392  
M413 M431 M510 M522 M530 M540 M782 M903 M904 M910  
P451 P452 V0 V321

## Specific Compounds

00185M

## Registry Numbers

0185U

UNLINKED-DERWENT-REGISTRY-NUMBERS: 0185U

## ENHANCED-POLYMER-INDEXING:

Polymer Index [1.1] 018 ; R03005 G3678 G3634 D01 D03 D11 D10 D23 D22 D31 D42 D50 D76 D93  
F24 F29 F26 F34 H0293 P0599 G3623 Polymer Index [1.2] 018 ; ND01 ; Q9999 Q8037 Q7987

## SECONDARY-ACC-NO:

CPI Secondary Accession Numbers: C1997-005133